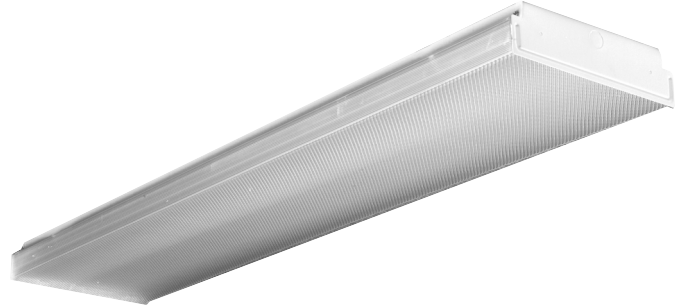
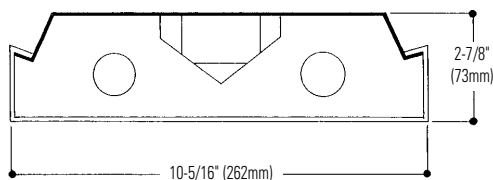
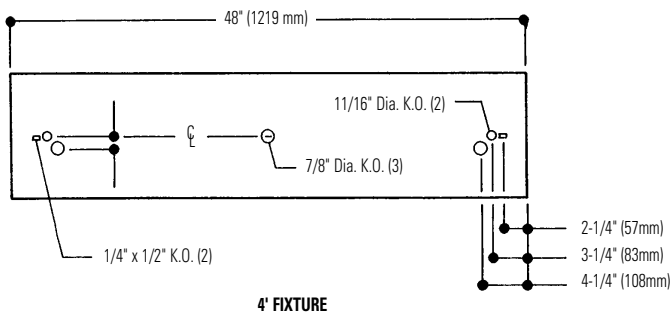
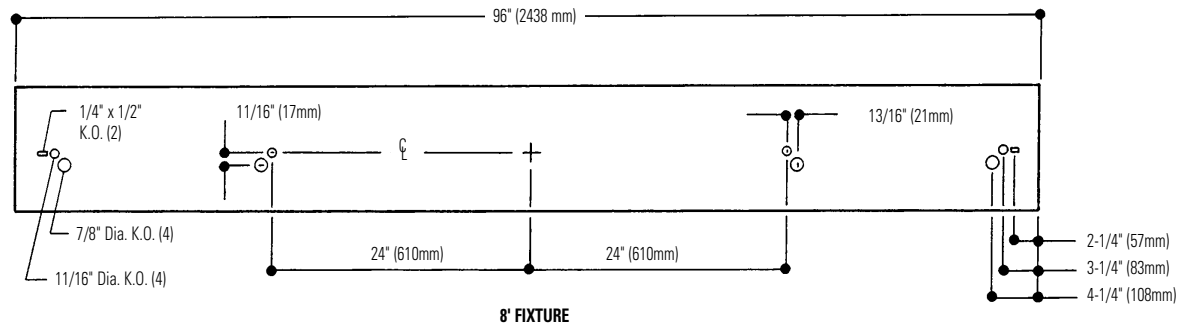


Features

- Excellent for locations where vandal resistance is required.
- Prismatic lens is 50% DR (impact resistant), and 50% standard acrylic with a nominal thickness of 1/8", withstands 70 ft. lbs. impact without breaking.
- Tamper resistant holt head screws secure lens to housing.
- UL-Listed for direct mounting on low density ceilings and damp locations.
- Steel end caps, standard.
- Self-aligning for continuous row mounting.
- Heavy duty, die formed channel of code gauge steel.



DIMENSIONS



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

We reserve the right to change details of design, materials and finish.

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LIGHTOLIER®



GUARDSMAN GV4WA232

Page 2 of 2

Vandal Resistant Wraparound, 10-5/16" WIDE, 4' OR 8' LENGTH
SURFACE FLUORESCENT 2 LAMP, T8 OR T12

MODEL NO. GV4WA232120SO

LER = FW - 70 IW - 59 BF - 0.92

Comparative yearly lighting energy cost per 1000 lumens = \$3.43

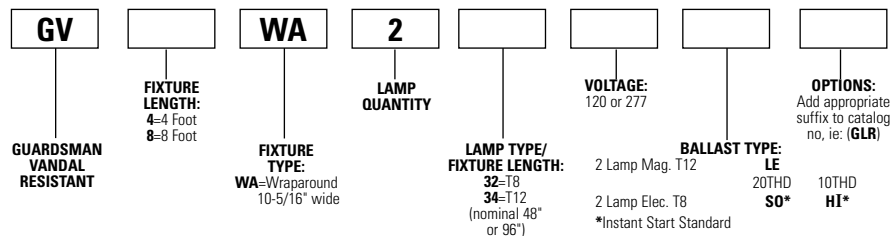
coefficient of utilization									
pfc	20			70			50		
pcc	80								
pw	70	50	30	70	50	30	50	30	
RCR									
0	91	91	91	88	88	88	81	81	
1	82	79	76	80	77	73	71	69	
2	76	69	65	72	68	63	64	59	
3	68	61	56	67	59	54	56	52	
4	64	55	47	61	53	46	51	45	
5	58	48	42	56	47	51	45	40	
6	54	44	38	52	42	36	40	35	
7	50	40	34	48	39	33	38	32	
8	46	36	29	45	35	29	34	28	
9	44	34	28	41	33	27	32	26	
10	40	30	25	40	29	25	28	23	

typical V.C.P.'s				
Room	Mounting Height			
Size	Lengthwise	Crosswise		
	8.5	10	8.5	10
30x30	61	64	57	62
40x40	58	61	51	56
60x30	62	66	60	65
60x60	55	57	45	50
100x100	53	54	40	43

candlepower			
angle	end	45	cross
0	1482	1482	1482
5	1482	1482	1479
15	1432	1463	1483
25	1331	1409	1458
35	1186	1313	1375
45	967	1078	1045
55	541	615	568
65	305	329	388
75	162	208	292
85	45	129	251
95	0	111	261
105	1	147	199
115	3	83	107
125	4	48	62
135	6	44	57
145	7	34	47
155	7	21	32
165	5	9	15
175	5	6	7

ORDERING INFORMATION

Explanation of Catalog Number. Example: GV4WA232120SOGLR



Other dimming options. Consult factory.

OPTIONS & ACCESSORIES

SCREWDRIVER: For holt head screw. Order Catalog Number **LP156737**.

ELECTRICAL/WIRING OPTIONS Consult factory

FUSING: Internal fast-blow fusing.
SUFFIX: **GLR**.
Internal slow-blow fusing.
SUFFIX: **GMF**.

SPECIFICATIONS

PERFORMANCE: In an installation of 2 lamp 32W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .79. To reduce glare the VCP shall be not less than 45 either cross-wise or lengthwise (at 100fc level) and the average brightness at 65° shall not exceed 2273 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 73.4%.

MATERIALS: Chassis parts are die formed code gauge cold rolled steel.

FINISH: Multi-stage phosphate treated for maximum corrosion resistance and finish coat high reflectance baked white enamel.

SPECIFICATIONS (continued)

LENS: Prismatic lens is 50% DR (impact resistant) and 50% standard acrylic with a nominal thickness of 1/8", withstands 70 ft. lbs. impact without breaking.

SCREWS: Tamper resistant holt head screws secure lens to housing.

ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

LABELS: I.B.E.W./UL and C-UL.

Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

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